IKO Compound MN15

Description:

Hot poured sealing compound made from a mixture of elastomeric bitumen and adhesive agents.

Type N2 (according to EN 14188-1).

Use:

Filling horizontal joints between concrete slabs or hydrocarbon surfaces (road expansion joints and industrial flooring, joints between metallic structures and concrete).

As crack sealing in asphalt.

Characteristics:

- Good resistance to salts, de-icing salt and acids.
- Good resistance to ageing.
- Good adhesion to concrete.

Caracteristics:

Density at 25°C	+/- 1,15 g/cm³
% Elongation at 20°C	> 500 %
% Elongation at -20°C	> 50 %
Cone penetration at 25°C and 0,1mm (EN 13880-2)	40 – 100
Ring and bol °C (EN 1427)	> 85°C
Resilience before and after ageing (EN 13880-3 and 4)	≤ 60 %
Tensile failure at more than 500% elongation	Rupture in the mass without any debonding to the substrate
Crack breathing at - 18 °C	No cracking after 40 cycles

Consumption rate:

For a joint with a section of 1 cm², +/- 120 g per running meter is required.

Cleaning tools and stains:

- White spirit.
- IKO bitumen cleaner

Implementation:

Preparation of the substrate

- The joint must be clean, dry and free from dirt.
- Use IKO CP Primer to improve the adhesion.

Melting and application of IKO Compound MN15A N2

- Melting is carried out in an oil bath smelter fitted with a stirring device and temperature control.
- Pouring temperature : +/- 160 C°
- Processing temerature: +/- 180° C
- Critical temperature : 200 C°
- Maximum heating time : 6h.
- In order to facilitate melting, we recommend filling the smelter to only one third of its capacity in the early stage. As soon as melting begins, the smelter can be completely filled.
- The heated compound is applied using pouring cans with a spout.

Storage:

Unlimited if stored dry.

Sizing and palletization:

- Bags of 21 kg (item number 02100170)
  - 48 bags par pallet / 1.008kg per pallet

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